Index to Volume 47

Authors and Titles

Abal, E. G., and Dennison, W. C.
Seagrass depth range and water quality in southern Moreton Bay, Queensland, Australia. 763
Anderson A. J. *See* Gu, H. 745
Anderson, R. C., and Stevens, J. D.
Review of information on diurnal vertical migration in the bignose shark (*Carcharhinus altimus*). 605
Andrewartha, J. R. *See* Rothlisberg, P. C. 157
Arumugam, P. T., and Geddes, M. C.
Effects of golden perch (*Macquaria ambigua* (Richardson)) larvae, fry and fingerlings on zooplankton communities in larval-rearing ponds: an enclosure study. 837
Ashton, P. *See* Burridge, T. R. 1009
Ayukai, T. *See* McKinnon, A. D. 595
Ayvazian, S. G. *See* Lenanton, R. C. 337

Babcock, R. C. *See* Cole, R. G. 907
Baker, J. L., *See* Jones, G. K. 785
Baker, P. D. *See* Bowling, L. C. 643
Battaglene, S. C.
Aquaculture: introduction. 209
See also Hecht, T. 223
and Nowak, B. F. 255
and Suthers, I. M. 301
Beckley, L. E., and Connell, A. D.
Early life history of *Pomatomus saltatrix* off the east coast of South Africa. 319
Berra, T. M., Crowley, L. E. L. M., Ivantsoff, W., and Fuerst, P. A.
Galaxias maculatus: an explanation of its biogeography. 845
Blight, S. J. *See* Fletcher, W. J. 617
and Fletcher, W. J. 819
Boon, P. I., Virtue, P., and Nichols, P. D.
Microbial consortia in wetland sediments: a biomarker analysis of the effects of hydrological regime, vegetation and season on benthic microbes. 27
Booth, D. *See* Doherty, P. 319
Boubee, J. A. T. *See* Jellyman, D. J. 1037
Bowling, L. C., and Baker, P. D.
Major cyanobacterial bloom in the Barwon–Darling River, Australia, in 1991, and underlying limnological conditions. 643
Broadhurst, M. K., and Kennelly, S. J.
Rigid and flexible separator panels in trawls that reduce the by-catch of small fish in the Clarence River prawn-trawl fishery, Australia. 991
Broadhurst, M. K. *See also* Liggins, G. W. 877
Bruce, B. D. *See* Miskiewicz, A. G. 331

Burridge, T. R.
Effect of sewage effluents on germination of three marine brown algal macrophytes. 1009
Capra, M. F. *See* Gu, H. 745
Caputi, N., Fletcher, W. J., Pearce, A., and Chubb, C. F.
Effect of the Leeuwin Current on the recruitment of fish and invertebrates along the Western Australian Coast. 147
Carleton, J. *See* Doherty, P. 391
Charlton, T. S. *See* Jennings, J. G. 951
Chick, R. C. *See* Gray, C. A. 723
Chisnall, B. L. *See* Jellyman, D. J. 1037
Chubb, C. F. *See* Caputi, N. 147
Clapsadl, M. D. *See* Werner, R. G. 113
Cleary, J. J. *See* Suthers, I. M. 301
Cole, R. G., and Babcock, R. C.
Mass mortality of a dominant kelp (Laminariales) at Goat Island, north-eastern New Zealand. 907
Conacher, C. A., O'Brien, C., Horrocks, J. L., and Kenyon, R. K.
Litter production and accumulation in stressed mangrove communities in the Embley River Estuary, north-eastern Gulf of Carpentaria, Australia. 737
Connell, A. D. *See* Beckley, L. E. 319
Courtney, A. J., Die, D. J., and McGilvray, J. G.
Lunar periodicity in catch rate and reproductive condition of adult eastern king prawns, *Penaeus plebejus*, in coastal waters of south-eastern Queensland, Australia. 67
Cowen, R. K. *See* Kingsford M. J. 145
and Sponaugle, S. 433
Craig, P. D. *See* Rothlisberg, P. C. 157
Cranfield, H. J., Michael, K. P., and Francis, R. I. C. C.
Growth rates of five species of subtidal clam on a beach in the South Island, New Zealand. 773
Cresswell, G.
The Leeuwin current near Rottnest Island, Western Australia. 483
Cresswell, G., Zhou, C., Tildesley, P. D., and Nilsson, C. S.
SAR observations of internal wave wakes from sea mounts. 489
Crowley, L. E. L. M. *See* Berra, T. M. 845
Cunninghame, R. G. *See* Kim, J. P. 919
Cyrus, D. P. *See* Harris, S. A. 465

Dagg, M. J., and Govoni, J. J.
Is ichthyoplankton predation an important source of copepod mortality in subtropical coastal waters? 137
Davenport, S. R. *See* Shaughnessy, P. D. 553
Davis, A. R. *See* Roberts, D. E. 897
De'ath, G. *See* Miller, I. R. 19
De Deckker, P. *See* Hiramatsu, C. 707
Degnan, B. M., Rohde, P. R., and Lavin, M. F.
Normal development and embryonic gene activity of the Ascidian *Herdmania momus*. 543

Dennison, W. C. *See* Abal, E. G. 763
de Nys, R. *See* Jennings, J. G. 951
Derbyshire, K. J. *See* Watson, R. A. 77
Dickey-Collas, M., Gowen, R. J., and Fox, C. J.
Distribution of larval and juvenile fish in the western Irish Sea: relationship to phytoplankton, zooplankton biomass and recurrent physical features. 169
Die, D. J. *See* Courtney, A. J. 67
and Wang, Y.-G. 87
Di Giácomo, E. E., and Perier, M. R.
Feeding habits of cockfish, *Callorhinchus callorhynchus* (Holocephali : Callorhynchidae), in Patagonian waters (Argentina). 801
Dijkstra, L. H. *See* Jellyman, D. J. 1037
Dixon, P. I. *See* Kobayashi, T. 1025
and Miskiewicz, A. G. 331
Doherty, P. J.
Larval supply and the recruitment of reef fishes: introduction. 381
Doherty, P., Kingsford, M., Booth, D., and Carleton, J.
Habitat selection before settlement by *Pomacentrus coelestis*. 391
Doherty, P., and McIlwain, J.
Monitoring larval fluxes through the surf zones of Australian coral reefs. 383
Dufour, V., Riclet, E., and Lo-Yat, A.
Colonization of reef fishes at Moorea Island, French Polynesia: temporal and spatial variation of the larval flux. 413
Duivenvoorden, L. J. *See* Fabbro, L. D. 685
Duncan, M. W. *See* Jennings, J. G. 951

Edyvane, K. *See* Jones, G. K. 785
Elliott, N. G.
Allozyme and mitochondrial DNA analysis of the tropical saddle-tail sea perch, *Lutjanus malabaricus* (Schneider), from Australian waters. 869
Evans, R. *See* Suthers, I. M. 301

Fabbro, L. D., and Duivenvoorden, L. J.
Profile of a bloom of the cyanobacterium *Cylindrospermopsis raciborskii* (Woloszynska) Seenaya and Subba Raju in the Fitzroy River in tropical central Queensland. 685
Farrell, J. M. *See* Werner, R. G. 113
Fernández-Díaz, C. *See* Yúfera, M. 211
Finn, M. D., and Kingsford, M. J.
Two-phase recruitment of apogonids (Pisces) on the Great Barrier Reef. 423
Fletcher, W. J., and Blight, S. J.
Validity of using translucent zones of otoliths to age the pilchard *Sardinops sagax neopilchardus* from Albany, Western Australia. 617
Fletcher, W. J., Lo, N. C. H., Hayes, E. A., Tregonning, R. J., and Blight, S. J.
Use of the daily egg production method to estimate the stock size of Western Australian sardines (*Sardinops sagax*). 819
Fletcher, W. J. *See also* Caputi, N. 147
and Gaughan, D. J. 971
Fowler, A. J., and Short, D. A.
Temporal variation in the early life-history characteristics of the King George whiting (*Sillaginodes punctata*) from analysis of otolith microstructure. 809
Fox C. J. *See* Dickey-Collas, M. 169
Francis, R. I. C. C. *See* Cranfield, H. J. 773
Fuerst, P. A. *See* Berra, T. M. 845
Furnas, M. J., and Mitchell, A. W.
Pelagic primary production in the Coral and southern Solomon Seas. 695

Garcia, S. M.
Stock–recruitment relationships and the precautionary approach to management of tropical shrimp fisheries. 43
Gaughan, D. J., Fletcher, W J., and Tregonning, R. J.
Spatial and seasonal distribution of eggs and larvae of sandy sprat, *Hyperlophus vittatus* (Clupeidae), off south-western Australia. 971
Geddes, M. C. *See* Arumugam, P. T. 837
Geffen, A. J.
Effect of experimental manipulation of feeding conditions on the population structure of larval cod (*Gadus morhua*) and herring (*Clupea harengus*). 291
Gehrke, P. C., and Govoni, J. J.
Contrasting larval biology and trophic ecology: introduction; trophic interactions between zooplankton and larval fish communities in marine, estuarine and freshwater ecosystems. 97
Gibbs, P. *See* Kobayashi, T. 1025
Goodbred, C. O., and Graves, J. E.
Genetic relationships among geographically isolated populations of bluefish (*Pomatomus saltatrix*). 347
Goodsell, A., Wikeley, D., and Searle, L.
Histological investigation of swim-bladder morphology and inflation in cultured larval striped trumpeter (*Latris lineata*) (Teleostei, Latridae). 251
Gordina, A. D., and Klimova, T. N.
On bluefish (*Pomatomus saltatrix* L.) spawning in the Black Sea. 315
Govoni, J. J. *See* Dagg, M. J. 137
and Gehrke, P. C. 97
Gowen, R. J. *See* Dickey-Collas, M. 169
Gracia, A.
White shrimp (*Penaeus setiferus*) recruitment overfishing. 59
Graves, J. E. *See* Goodbred, C. O. 347

Gray, C. A.
Do thermoclines explain the vertical distributions of larval fishes in the dynamic coastal waters of south-eastern Australia? 183
Gray, C. A., McElligott, D. J., and Chick, R. C.
Intra- and inter-estuary differences in assemblages of fishes associated with shallow seagrass and bare sand. 723
Graynoth, E.
Determination of the age of brown and rainbow trout in a range of New Zealand lakes. 749
Gregor, J. E. *See* Hawke, D. J. 11
Grimes, D. B., and Kingsford, M. J.
How do riverine plumes of different sizes influence fish larvae: do they enhance recruitment? 191
Gu, H., Anderson, A. J., Mather, P. B., and Capra, M. F.
Effects of feeding level and starvation on growth and water and protein content in juvenile redclaw crayfish, *Cherax quadricarinatus* (von Martens). 745
Gwada, P. M. *See* Slim, F. J. 999

Hagiwara, A. *See* Yoshimura, K. 217
Haimovici, M., and Krug, L. C.
Life history and fishery of the enchova *Pomatomus saltatrix*, in southern Brazil. 357
Halliday, I. A., and Young, W. R.
Density, biomass and species composition of fish in a subtropical *Rhizophora stylosa* mangrove forest. 609
Hamilton, L. J.
Mesoscale variability in volume transport in the Tasman and Coral seas. 497
Hanley, J. R. *See* Thompson, A. P. 889
Hare, J. A. *See* Juanes, F. 365
and Miskiewicz, A. G. 309
Harris, S. A., and Cyrus, D. P.
Larval and juvenile fishes in the surf zone adjacent to the St Lucia Estuary Mouth, KwaZulu-Natal, South Africa. 465
Hawke, D. J., Powell, K. J., and Gregor, J. E.
Determination of the aluminium complexing capacity of fulvic acids and natural waters, with examples from five New Zealand rivers. 11
Hayes, E. A. *See* Fletcher, W. J. 819
Hayes, K. P. *See* van Leeuwen, J. A. 929
and van Leeuwen, J. A. 961
Hecht, T., Battaglene, S., and Talbot, B.
Effect of larval density and food availability on the behaviour of pre-metamorphosis snapper, *Pagrus auratus* (Sparidae). 223
Hemminga, M. A. *See* Slim, F. J. 999
Herbert, B. W. *See* MacKinnon, M. R. 937
Hiramatsu, C., and De Deckker, P.
Distribution of calcareous nannoplankton near the subtropical convergence, south of Tasmania, Australia. 707
Holbrook, S. J. *See* Schmitt, R. J. 449
Holt, G. J. *See* Rooker, J. R. 283
Horrocks, J. L. *See* Conacher, C. A. 737
Hosja, W. *See* Thompson, P. A. 659
Hunter, K. A. *See* Kim, J. P. 919

Imberger, J. *See* Stephens, R. 517
Ishibashi, N. *See* Kaji, T. 261
Ivantsoff, W. *See* Berra, T. M. 845

Jellyman, D. J., Chisnall, B. L., Dijkstra, L. H., and Boubee, J. A. T.
First record of the Australian longfinned eel, *Anguilla reinhardtii*, in New Zealand. 1037
Jennings, J. G., de Nys, R., Charlton, T. S., Duncan, M. W. and Steinberg, P. D.
Phenolic compounds in the nearshore waters of Sydney, Australia. 951
Johnson, M. S. *See* Thompson, A. P. 889
Jonckheere, B. V. *See* Werner, R. G. 113
Jones, G. K., Baker, J. L., Edyvane, K., and Wright, G. J.
Nearshore fish community of the Port River–Barker Inlet Estuary, South Australia. I. Effect of thermal effluent on the fish community structure, and distribution and growth of economically important fish species. 785
Jordan, J., and Lake, P. S.
Grazer–epilithon interactions in an Australian upland stream. 831
Juanes, F., Hare, J. A., and Miskiewicz, A. G.
Comparing early life history strategies of *Pomatomus saltatrix*: a global approach.
Juanes, F. *See also* Miskiewicz, A. G. 309

Kafemann, R. *See* Thiel, R. 123
Kaji, T., Tanaka, M., Takahashi, Y., Oka, M., and Ishibashi, N.
Preliminary observations on development of Pacific bluefin tuna *Thunnus thynnus* (Scombridae) larvae reared in the laboratory, with special reference to the digestive system. 261
Kalish, J. M., Livingston, M. E., and Schofield, K. A.
Trace elements in the otoliths of New Zealand blue grenadier (*Macruronus novaezelandiae*) as an aid to stock discrimination. 537
Kalish, J. *See also* Suthers, I. 271
Kennard, M. J. *See* Pusey, B. J. 563
Kennelly, S. J. *See* Broadhurst, M. K. 991
and Liggins, G. W. 877
Kenyon, R. K. *See* Conacher, C. A. 737
Kerrigan, B. A. *See* McCormick, M. I. 557
Kim, J. P., Reid, M. R., Cunninghame, R. G., and Hunter, K. A.
Aqueous chemistry of major ions and trace metals in the Clutha River, New Zealand. 919

Kimani, E. N., Mwatha, G. K., Wakwabi, E. O., Ntiba, J. M., and Okoth, B. K.
Fishes of a shallow tropical mangrove estuary, Gazi, Kenya. 857
Kingsford, M. J. and Cowen, R. K.
Population dynamics and oceanography: introduction. 145
Kingsford, M. J. *See also* Doherty, P. 391
and Finn, M. D. 423
and Grimes, C. B. 191
Kitajima, C. *See* Yoshimura, K. 217
Klimova, T. N. *See* Gordina, A. D. 315
Kloser, R. J., Koslow, J. A., and Williams, A.
Acoustic assessment of the biomass of a spawning aggregation of orange roughy (*Hoplostethus atlanticus*, Collett) off south-eastern Australia, 1990–93. 1015
Kobayashi, T., Gibbs, P., Dixon, P. I., and Shiel, R. J.
Grazing by a river zooplankton community: importance of microzooplankton. 1025
Kodjo, M. *See* Slim, F. J. 999
Köpcke, B. *See* Thiel, R. 123
Koslow, J. A. *See* Kloser, R. J. 1015
Krug, L. C. *See* Haimovici, M. 357

Lake, P. S. *See* Jordan, J. 831
Lavin, M. F. *See* Degnan, B. M. 543
Leis, J. M., Sweatman, H. P. A., and Reader, S. E.
What the pelagic stages of coral reef fishes are doing out in blue water: daytime field observations of larval behavioural capabilities. 401
Lenanton, R. C., Ayvazian, S. G., Pearce, A. F., Steckis, R. A., and Young, G. C.
Tailor (*Pomatomus saltatrix*) off Western Australia: where does it spawn and how are the larvae distributed? 337
Liggins, G. W., Kennelly, S. J., and Broadhurst, M. K.
Observer-based survey of by-catch from prawn trawling in Botany Bay and Port Jackson, New South Wales. 877
Livingston, M. E. *See* Kalish, J. M. 537
Lo, N. C. H. *See* Fletcher, W. J. 819
Lo-Yat, A. *See* Dufour, V. 413

MacKinnon, M. R., and Herbert, B. W.
Temperature, dissolved oxygen and stratification in a tropical reservoir, Lake Tinaroo, northern Queensland, Australia. 937
Mather, P. B. *See* Gu, H. 745
McComb, A. J. *See* Qiu, S. 531
McCormick, M. I., and Kerrigan, B. A.
Predation and its influence on the condition of a newly settled tropical demersal fish. 557
McElligott, D. J. *See* Gray, C. A. 723
McGilvray, J. G. *See* Courtney, A. J. 67
McIlwain, J. *See* Doherty, P. 383

McKinnon, A. D., and Ayukai, T.
Copepod egg production and food resources in Exmouth Gulf, Western Australia. 595
Mehner, T. *See* Thiel, R. 123
Melville, M. D. *See* Sammut, J. 669
Michael, K. P. *See* Cranfield, H. J. 773
Miller, I. R., and De'ath, G.
Effects of training on observer performance in assessing benthic cover by means of the manta tow technique. 19
Miskiewicz, A. G.
Early life history of *Pomatomus saltatrix*: introduction. 309
Miskiewicz, A. G., Bruce, B. D., and Dixon, P.
Distribution of tailor (*Pomatomus saltatrix*) larvae along the coast of New South Wales, Australia. 331
Miskiewicz, A. G. *See also* Juanes, F. 365
Mitchell, A. W. *See* Furnas, M. J. 695
Muelbert, J. H., and Sinque, C.
Distribution of bluefish (*Pomatomus saltatrix*) larvae along the continental shelf off Southern Brazil. 311
Mulcahy, D. E. *See* van Leeuwen, J. A. 929, 961
Mwatha, G. K. *See* Kimani, E. N. 857

Newman, S. J., Williams, D. McB., and Russ, G. R.
Age validation, growth and mortality rates of the tropical snappers (Pisces : Lutjanidae) *Lutjanus adetii* (Castelnau, 1873) and *L. quinquelineatus* (Bloch, 1790) from the central Great Barrier Reef, Australia. 575
Newton, G. M.
Estuarine ichthyoplankton ecology in relation to hydrology and zooplankton dynamics in a salt-wedge estuary. 99
Nichols, P. D. *See* Boon, P. I. 27
Nicholson, B. C. *See* van Leeuwen, J. A. 929
and van Leeuwen, J. A. 961
Nilsson, C. S. *See* Cresswell, G. 489
Nowak, B. F., and Battaglene, S. C.
Incidence and composition of calculi in the urinary bladder of intensively reared marine fish larvae. 255
Ntiba, J. M. *See* Kimani, E. N. 857

O'Brien, C. *See* Conacher, C. A. 37
Oka, M. *See* Kaji, T. 261
Okoth, B. K. *See* Kimani, E. N. 857

Parsons, K. E.
Discordant patterns of morphological and genetic divergence in the '*Austrocochlea constricta*' (Gastropoda: Trochidae) species complex. 981
Pearce, A. F. *See* Caputi, N. 147
and Lenanton, R. C. 337
and Reason, C. J. C. 509

Perier, M. R. *See* Di Giácomo, E. E. 801
Pittman, K.
Rearing halibut in Norway: present practices and challenges. 243
Pollock, B. R. *See* Zeller, B. M. 323
Portelli, T. *See* Burridge, T. R. 1009
Powell, K. J. *See* Hawke, D. J. 11
Pusey, B. J., and Kennard, M. J.
Species richness and geographical variation in assemblage structure of the freshwater fish fauna of the wet tropics region of northern Queensland. 563

Qiu, S., and McComb, A. J.
Drying-induced stimulation of ammonium release and nitrification in reflooded lake sediment. 531
Quartararo, N. *See* Roubal, F. R. 585

Reader, S. E. *See* Leis, J. M. 401
Reason, C. J. C., and Pearce, A. F.
Comparison of the Semtner and Chervin eddy-resolving global ocean model with LUCIE and satellite observations in the Leeuwin current region. 509
Reid, M. R. *See* Kim, J. P. 919
Riclet E. *See* Dufour, V. 413
Roberts, D. E.
Patterns in subtidal marine assemblages associated with a deep-water sewage outfall. 1
Roberts, D. E., and Davis, A. R.
Patterns in sponge (Porifera) assemblages on temperate coastal reefs off Sydney, Australia. 897
Robson, B. J.
Small spate disturbance and the complexity of habitat architecture in Mountain River, Tasmania. 851
Rohde, P. R. *See* Degnan, B. M. 543
Rooker, J. R., and Holt, G. J.
Application of RNA:DNA ratios to evaluate the condition and growth of larval and juvenile red drum (*Sciaenops ocellatus*). 283
Ross, P. M.
Differences in morphology and reproduction of the barnacles *Elminius covertus* and *Hexaminius* spp. from mangrove forests in the Sydney region of New South Wales. 715
Rothlisberg, P. C., Craig, P. D., and Andrewartha, J. R.
Modelling penaeid prawn larval advection in Albatross Bay, Australia: defining the effective spawning population. 157
Roubal, F. R., Quartararo, N., and West, A.
Spatial and temporal variation in populations and community of ectoparasites on young snapper, *Pagrus auratus* (Bloch & Schneider) (Sparidae), from the wild and captivity at Port Hacking, Sydney, Australia. 585
Rowland, S. J.
Development of techniques for the large-scale rearing of the larvae of the Australian freshwater fish golden perch, *Macquaria ambigua* (Richardson, 1845). 233
Russ, G. R. *See* Newman, S. J. 575

Sammut, J., White, I., and Melville, M. D.
Acidification of an estuarine tributary in eastern Australia due to drainage of acid sulfate soils. 669
Sarasquete, M. C. *See* Yúfera, M. 211
Schmitt, R. J., and Holbrook, S. J.
Local-scale patterns of larval settlement in a planktivorous damselfish—do they predict recruitment? 449
Schofield, K. A. *See* Kalish, J. M. 537
Searle, L. *See* Goodsell, A. 251
Shaughnessy, P. D., and Davenport, S. R.
Underwater videographic observations and incidental mortality of fur seals around fishing equipment in south-eastern Australia. 553
Sheaves, M. J.
Habitat-specific distributions of some fishes in a tropical estuary. 827
Shiel, R. J. *See* Kobayashi, T. 1025
Short, D. A. *See* Fowler, A. J. 809
Sinque, C. *See* Muelbert, J. H. 311
Slim, F. J., Gwada, P. M., Kodjo, M., and Hemminga, M. A.
Biomass and litterfall of *Ceriops tagal* and *Rhizophora mucronata* in the mangrove forest of Gazi Bay, Kenya. 999
Sponaugle, S., and Cowen, R. K.
Larval supply and patterns of recruitment for two Caribbean reef fishes, *Stegastes partitus* and *Acanthurus bahianus*. 433
Steckis, R. A. *See* Lenanton, R. C. 337
Steinberg, P. D. *See* Jennings, J. G. 951
Stephens, R., and Imberger J.
Dynamics of the Swan River estuary: the seasonal variability. 517
Stevens, J. D. *See* Anderson, R. C. 605
Suthers, I. M.
Spatial variability of recent otolith growth and RNA indices in pelagic juvenile *Diaphus kapalae* (Myctophidae): an effect of flow disturbance near an island? 273
Suthers, I., and Kalish, J.
Growth and condition: introduction. 271
Suthers, I. M., Cleary, J. J., Battaglene, S. C., and Evans, R.
Relative RNA content as a measure of condition in larval and juvenile fish. 301
Sweatman, H. P. A. *See* Leis, J. M. 401
Takahashi, Y. *See* Kaji, T. 261
Talbot, B. *See* Hecht, T. 223
Tanaka, M. *See* Kaji, T. 261

Taylor, J. G.
Seasonal occurrence, distribution and movements of the whale shark, *Rhincodon typus*, at Ningaloo Reef, Western Australia. 637
Thiel, R., Mehner, T., Köpcke, B., and Kafemann, R.
Diet niche relationships among early life stages of fish in German estuaries. 123
Thompson, A. P., Hanley, J. R., and Johnson, M. S.
Genetic structure of the western rock lobster, *Panulirus cygnus*, with the benefit of hindsight. 889
Thompson, P. A., and Hosja, W.
Nutrient limitation of phytoplankton in the upper Swan River estuary, Western Australia. 659
Tildesley, P. D. *See* Cresswell, G. 489
Tregonning, R. J. *See* Fletcher, W. J. 819
and Gaughan, D. J. 971
Turnbull, C. T. *See* Watson, R. A. 77

van Leeuwen, J. A., Nicholson, B. C., Hayes, K. P., and Mulcahy, D. E.
Persistence of chlorophenolic compounds from pulp and paper mill discharges in Lake Bonney, south-eastern South Australia. 929
van Leeuwen, J. A., Nicholson, B. C., Hayes, K. P., and Mulcahy, D. E.
Resistance of bound chloroguaiacols and AOX from pulp mill effluent to degradation by *Trichoderma harzianum* isolated from Lake Bonney, south-eastern South Australia. 961
Virtue, P. *See* Boon, P. I. 27

Wakwabi, E. O. *See* Kimani, E. N. 857
Wang, Y.-G., and Die, D.
Stock–recruitment relationships of the tiger prawns (*Penaeus esculentus* and *Penaeus semisulcatus*) in the Australian northern prawn fishery. 87
Ward, T. M.
Sea snake by-catch of fish trawlers on the northern Australian continental shelf. 625
Ward, T. M.
Sea snake by-catch of prawn trawlers on the northern Australian continental shelf. 631
Watson, R. A., Turnbull, C. T., and Derbyshire, K. J.
Identifying tropical penaeid recruitment patterns. 77
Werner, R. G., Jonckheere, B. V., Clapsadl, M. D., and Farrell, J. M.
A bioenergetic exploration of piscivory and planktivory during the early life history of two species of freshwater fishes. 113
West, A. *See* Roubal, F. R. 585
White, I. *See* Sammut, J. 669
Wikeley, D. *See* Goodsell, A. 251
Willett, D. J.
Use of scale patterns to evaluate stocking success of silver perch, *Bidyanus bidyanus* (Mitchell), released at two different sizes. 757
Williams, A. *See* Kloser, R. J. 1015
Williams, D. McB. *See* Newman, S. J. 575
Williams, L. E. *See* Zeller, B. M. 323
Williams, R. R. G.
Jaw muscles and suspensoria in the Aplochitonidae (Teleostei: Salmoniformes) and their possible phylogenetic significance. 913
Wright, G. J. *See* Jones, G. K. 785

Yoshimatsu, T. *See* Yoshimura, K. 217
Yoshimura, K., Hagiwara, A., Yoshimatsu, T., and Kitajima, C.
Culture technology of marine rotifers and the implications for intensive culture of marine fish in Japan. 217
Young, G. C. *See* Lenanton, R. C. 337
Young, W. R. *See* Halliday, I. A. 609
Yúfera, M., Sarasquete, M. C., and Fernández-Díaz, C.
Testing protein-walled microcapsules for the rearing of first-feeding gilthead sea bream (*Sparus aurata* L.) larvae. 211

Zeller, B. M., Pollock, B. R., and Williams, L. E.
Aspects of the life history and management of tailor (*Pomatomus saltatrix*) in Queensland. 323
Zhou, C. *See* Cresswell, G. 489